

To: Allen, Elizabeth[allen.elizabeth@epa.gov]; Grandinetti, Cami[Grandinetti.Cami@epa.gov]; Christopher, Anne[Christopher.Anne@epa.gov]; Conley, Alanna[conley.alanna@epa.gov]; Cora, Lori[Cora.Lori@epa.gov]; Zhen, Davis[Zhen.Davis@epa.gov]; Robinson, Deborah[Robinson.Deborah@epa.gov]; DeMaria, Eva[DeMaria.Eva@epa.gov]; Koch, Kristine[Koch.Kristine@epa.gov]
From: Sheldrake, Sean
Sent: Fri 9/11/2015 5:41:23 PM
Subject: FW: Draft dredge prism characterization framework
Maintenance Dredge Prism Characterization Expectation.docx

All, Please see the attached, fyi. Thank you. S

Sean Sheldrake, Unit Diving Officer, RPM

EPA Region 10, 1200 Sixth Ave., Suite 900; Mailstop DOC-01

Seattle, WA 98101

206.553.1220 desk

206.225.6528 cell

<http://yosemite.epa.gov/r10/cleanup.nsf/sites/ptldharbor>

<http://www.epa.gov/region10/dive/>

206.553.6379 Dive Operations Center

206.369.7500 Dive Unit cell

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From: Sheldrake, Sean
Sent: Friday, September 11, 2015 10:40 AM
To: McMillan, James M NWP
Cc: Christine Reichgott (Reichgott.Christine@epa.gov); mcclincy.matt@deq.state.or.us; ROICK Tom; Alex Liverman (liverman.alex@deq.state.or.us); Lohrman, Bridgette; Genevieve Angle - NOAA-NMFS (Genevieve.Angle@noaa.gov); jeremy_buck@fws.gov
Subject: Draft dredge prism characterization framework

Hello James,

This e-mail is a follow-up to the draft sampling framework transmitted back on 7/29/15 that we're using for evaluation of data under CERCLA coordination review in Portland Harbor. Attached is the systematic approach I mentioned was coming to ensure an appropriate number of samples by unit size for a dredge prism. Also, based on the outcome of the 7/1/15 call between EPA and the PSET, we understand EPA will have the opportunity to review the work plans/SAPs for maintenance dredge project in Portland Harbor early in the application process. We'll work on providing our current information on principal threat waste (PTW) from the latest draft feasibility study as well for context. PTW is highly mobile and/or toxic material, which is defined on a superfund site specific basis, and most likely represents areas where we will be seeking significant characterization, interim controls, and new surface material (NSM) treatment, e.g. capping. Some areas of PTW are so significant in concentration that proceeding under a 404 permit outside of EPA or DEQ oversight may not be appropriate, e.g. the recent Rose Festival/berthing related application at Tom McCall waterfront park in downtown (where manufactured gas plant waste continues to reside on the river bottom). This coordination currently applies to roughly the first 16 river miles up the Willamette from the Columbia, based on our current information. Once data is collected for a particular site, we can talk through the project specific particulars for necessary NSM characterization to evaluate the need for capping options, and of course CERCLA specific interim controls for dredging.

I would suggest we could discuss this further as needed before finalizing, perhaps on a PSET call? Let me know what you think. Sorry I couldn't make it to this week's call—we've initiated the EPA CERCLA review on the McCormick SAP.

Thank you.

S

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